



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

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US EPA RECORDS CENTER REGION 5



March 10, 2011

Andy VanDyke
Headquarters, Department of the Army
Attn: HQDA-OACSIM-ODB
2530 Crystal Drive
Arlington, VA 22202

Re: Vinyl Chloride – Proposed Action
And Data Transmittal Letter
Fort Sheridan, Illinois

0970555001/Lake
Fort Sheridan (BRAC)
Superfund/Technical

Dear Mr. VanDyke:

The Illinois Environmental Protection Agency (Illinois EPA or Agency) is in receipt of the Army's March 2, 2011 letter regarding the recent detections of vinyl chloride in the leachate samples from the Leachate Interception Trench (LIT). It was received on March 7, 2011. It is a revision of the draft document which was submitted to the Agency for review via electronic mail on January 25, 2011. This revision addresses Agency comments which were generated during our review of that draft version.

The Army's proposed action for addressing the appearance of vinyl chloride in the leachate is to collect the leachate from the LIT in a separate tank or tanks. Once that tank is full, a sample will be collected and analyzed for vinyl chloride. If the result is a non-detect, the leachate may then be land applied as it has in the past. If vinyl chloride is still detected, the Army must then develop a new plan from the options listed in the submittal and seek Agency approval prior to implementation. In addition, quarterly monitoring of the leachate in the LIT for vinyl chloride will begin in March of this year and continue until vinyl chloride is no longer being detected. This is defined as the lack of a vinyl chloride detection for 4 consecutive sampling events.

Illinois EPA has reviewed this submittal and has nothing further to provide. The steps outlined within are acceptable. Please make the necessary revisions to the Groundwater and Leachate Monitoring Plan, via addendum, at your earliest convenience and provide Illinois EPA with two copies of that addendum for our files.

Rockford • 4302 N. Main St., Rockford, IL 61103 • (815) 987-7760

Elgin • 595 S. State, Elgin, IL 60123 • (847) 608-3131

Bureau of Land – Peoria • 7620 N. University St., Peoria, IL 61614 • (309) 693-5462

Collinsville • 2009 Mall Street, Collinsville, IL 62234 • (618) 346-5120

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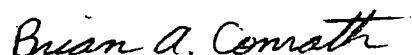
Marion • 2309 W. Main St., Suite 116, Marion, IL 62959 • (618) 993-7200

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If you have any questions regarding anything in this correspondence, you may contact me by telephone at 217/557-8155 or via electronic mail at Brian.Conrath@illinois.gov.

In accordance with Public Act 96-0603, which went into effect on August 24, 2009, any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

Respectfully,



Brian A. Conrath
Remedial Project Manager
Federal Facilities Unit
Federal Site Remediation Section
Bureau of Land



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cc: Bill O'Donnell, Army BRAC
Mr. Kurt Thomsen (BEC)

cc: Owen Thompson, USEPA (SR-6J)